

2600 CATV Amplifier

Features

- ◇ PHILIPS power doubler module
- ◇ High gain, high output level and low non-linearities
- ◇ Plug-in fixed or variable attenuator and equalizer (0~20dB)
- ◇ Plug-in fixed or variable inter-stage attenuator and equalizer (0/6dB)
- ◇ 2 outputs with plug-in splitter or 1-tap
- ◇ Different frequency split is specified by clients
- ◇ Local and remote powering available
- ◇ Weatherproof and RF-screened die-cast housing



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Description

2600 CATV amplifier with AGC two-way output bi-directional sub-trunk amplifier, suitable for the signal amplification of coaxial sub-trunk in HFC system. It has the feature of high gain, high output level, and excellent CTB, CSO. Its return loss is 16 dB and the frequency of its four bi-directional filters is optional. The default configuration is two-way output, and can become three-way output by inserting distributor or fixed coupler.

Parameter

Item	Specification
Frequency rang forward	47/87-862 MHz
Frequency range return	5-30/65 MHz
Gain forward path	34 ± 1.0 dB
Gain return path	20 ± 1.0 dB
Frequency response	± 0.75 dB
Gain adjustment	0~20 dB
Slope adjustment	0~20 dB
Output level	122 (DIN45004B) dBuV
Noise figure	< 7 dB
C/CTB	> 60 dB
C/CSO	> 59 dB
Input test point	-20±2.0 dB
Output test point	-30±2.0 dB
Return loss	> 14 dB
Impedance	75Ω

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Connector	5/8" UNEF to F female, imperial thread
Power supply	AC230/AC60 V
Power consumption	20W
Operating temperature	-20 ~ +50°C
Storage temperature	-30 ~ +50°C
Dimension	270x180x150mm
Weight	3.0/3.3 kg

Applications

- ◇ HFC network